

COPPABELLA

Wind Farm

Project Update for CCC Members

28th April 2021



- The Binalong Information Centre re-opened on the 23rd October 2020.
- Opening hours:
 - Monday – 9am-11am
 - Thursday – 9am-12noon
 - Or by appointment
- The Coppabella Wind Farm Sponsorship Fund continues to operate. Be in touch with Alison if you have any sponsorships ideas or proposals.
- While COVID-19 has impacted the running of community events, Goldwind Australia is interested in any other avenues to support local communities where practical.

Project Contact Points	
General Information hotline (free call where you leave a messages and Alison will get back to you)	1800 884 689
Email	info@coppabellawindfarm.com
Website	www.coppabellawindfarm.com
Tom's direct phone number	0413 237 287
Alison's direct phone number	0401 472 691

Status of Key Project Elements

- ✓ Energy Yield & Layout
- ✓ Planning Approvals
- ✓ Land Agreements
- ✓ Firm Pricing for Construction Contracts
- Grid Connection Agreement
 - Connection Agreements executed
 - STATCOM now required – Connection Studies to be updated
 - Offer to Connect anticipated later in 2021
- Financing
 - Equity financing arrangements well progressed
 - Awaiting Grid Connection Agreement to finalise

Grid Connection

➤ Connection Agreement Timeline

- Jun-2020: Grid models (PSS/E and PSCAD) passed 3rd party benchmarking tests
- Jun-2020: Full proposed Generator Performance Standards (GPS) package submitted in a Connection Application to TransGrid and AEMO (Australian Energy Market Operator)
- Aug-2020: AEMO and TransGrid access standard negotiations underway
- Oct-2020: Connection Contracts executed
- Jan-2021: TransGrid Full Impact Assessment complete
- Apr-2021: AEMO advised that a STATCOM is required

≈5-6 months

- STATCOM sizing studies
- Update grid models (PSS/E and PSCAD) to include STATCOM
- Update Generator Performance Standards (GPS) package in Connection Application
- TransGrid and AEMO due diligence and GPS negotiations
- Offer to Connect

Grid Connection

➤ STATCOM

- STATCOM = Static Synchronous Compensator
- These systems provide improved voltage regulation and increased reactive power capabilities, particularly during network faults. STATCOMs improve network system strength.
- In April 2021, AEMO advised that the project will require additional reactive power support at the connection point in order to comply with the national electricity rules. This can best be achieved by installation of a STATCOM at the Yass Substation
- The Coppabella Wind Farm connection application was originally submitted on the basis that there was no technical need or benefit for such additional plant at the Yass Substation, which is already a very strong network connection point, in order to comply with S5.2.5.5 of the National Electricity Rules
- Unfortunately, negotiations with AEMO (which is limited by rules that occasionally result in non-sensible technical solutions) have failed to resolve this issue and AEMO is firm in its requirement that a STATCOM is now required for the project to proceed
- In order to utilise a STATCOM at the Yass Substation, Goldwind will be engaging with TransGrid regarding the need for an amendment to the approved TransGrid Review of Environmental Factors (REF)